

Digital controller (DPC)

LS-DPC series · Light controllers · 18 models

LS-DPC series digital controller mainly powers 24V LED lights and can be controlled from the front panel or by serial communication (remote control). It provides 256 brightness steps (0-255) and a built-in external trigger function for easy on-off switching.

Features

- 256 levels digital control
- Support RS232 communication
- Memory function while power off
- Overload protection function
- High speed optocoupler isolation trigger
- Constant voltage output controlled by panel or RS232



Common specifications

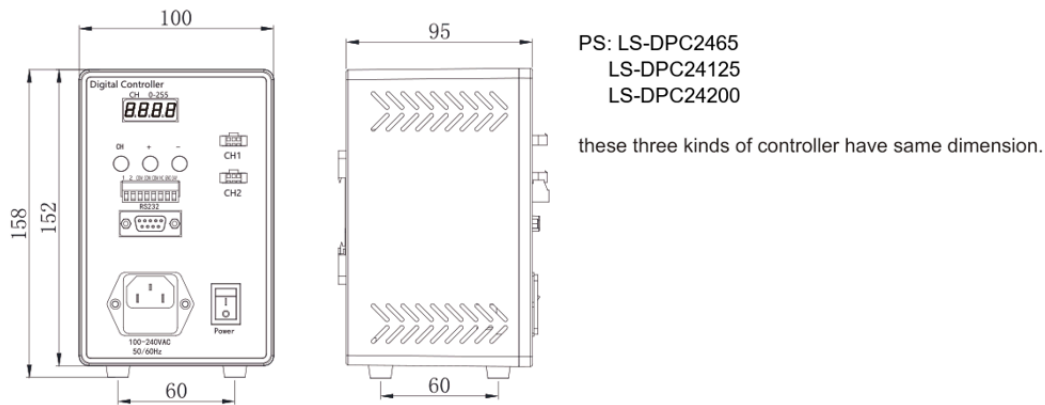
Control method	Buttons, RS232
External trigger voltage	5-24V
Dimming	256 levels (0-255) per channel
Keys	CH = change channel, + = increase, - = decrease brightness
Display	Shows channel and level (e.g. 1 125); H1 = constant on (trigger turns off), H0 = constant off (trigger turns on)
Serial Port	RS232, DB9 female ('DP9' as printed), ASCII data
Trigger port	High speed optocoupler isolated; common positive or negative connection; COM = common, numbers = channel inputs, NC = blank, +24V/GND = DC 24V output
Memory	Settings memorised at power off
Protection	Overload protection
Ethernet	not listed in catalog

Models

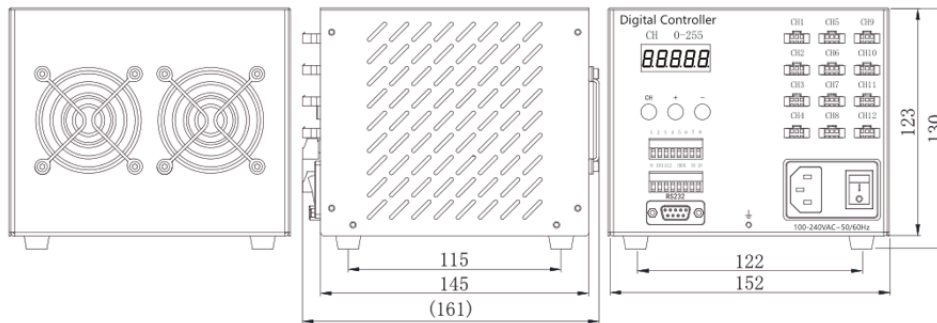
Model	Output CH	Input voltage	Output voltage	Single CH current	Total output current
LS-DPC2430-2H	2CH	AC100-240V 50/60Hz	10~24V	1.25A	1.25A
LS-DPC2465-2H	2CH	AC100-240V 50/60Hz	16~24V	2A	2.5A
LS-MDPC2480-2H	2CH	DC24V	16~24V	2A	3.3A
LS-DPC24125-2H	2CH	AC100-240V 50/60Hz	16~24V	3A	5.2A
LS-DPC24200-2H	2CH	AC100-240V 50/60Hz	16~24V	5A	8A
LS-DPC2465-4H	4CH	AC100-240V 50/60Hz	16~24V	2A	2.5A
LS-DPC2405-4H	4CH	AC100-240V 50/60Hz	5~24V	0.73A~3A	3.5A
LS-MDPC2480-4H	4CH	DC24V	16~24V	2A	3.3A
LS-DPC24125-4H	4CH	AC100-240V 50/60Hz	16~24V	3A	5.2A
LS-DPC24200-4H	4CH	AC100-240V 50/60Hz	16~24V	3A	8A
LS-DPC2465-6H	6CH	AC100-240V 50/60Hz	16~24V	2A	2.5A
LS-DPC24125-6H	6CH	AC100-240V 50/60Hz	16~24V	3A	5.2A
LS-DPC24200-6H	6CH	AC100-240V 50/60Hz	16~24V	3A	8A
LS-DPC2465-8H	8CH	AC100-240V 50/60Hz	16~24V	2A	2.5A
LS-DPC24125-8H	8CH	AC100-240V 50/60Hz	16~24V	3A	5.2A
LS-DPC24200-8H	8CH	AC100-240V 50/60Hz	16~24V	3A	8A
LS-DPC24500-4H	4CH	AC100-240V 50/60Hz	16~24V	10A	21A
LS-DPC24380-12H	12CH	AC100-240V 50/60Hz	16~24V	1.3A	16A

Dimensions

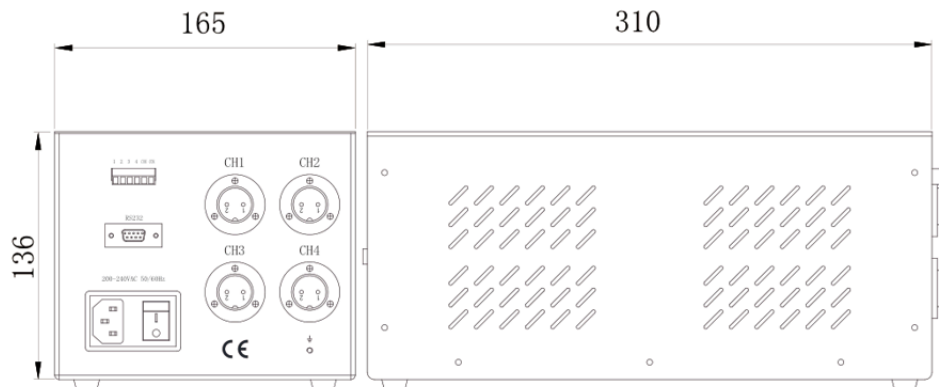
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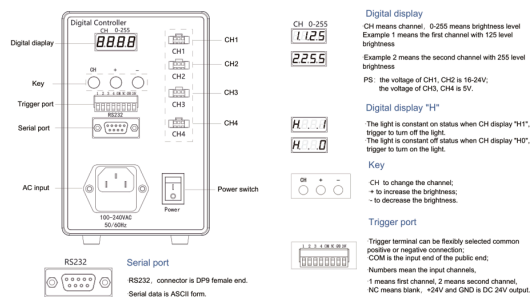


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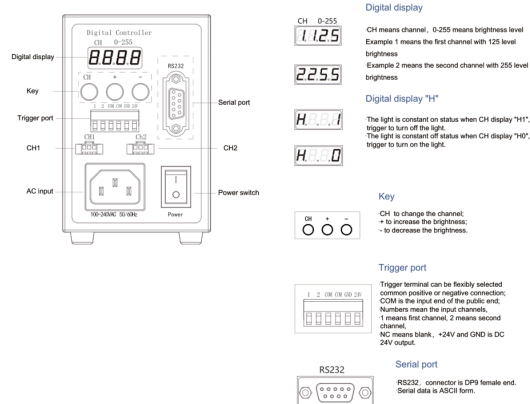


Performance

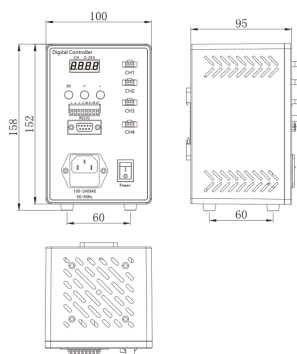
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